# Labelling for network equipment & infrastructure

**A guide to ANSI/TIA-606-C compliant labelling using the Brother PT-E550WNIVP label printer.**

## Cabinet and Rack identifiers label format



| AD07 |
|------|

"X" coordinate (one or more alpha characters) on a floor tile grid or ceiling tile grid, or floor plan.

"Y" coordinate (one or more numeric characters) on a floor tile grid or ceiling tile grid, or floor plan.

Get up to 3X more strength[1] on textured surfaces using Strong Adhesive Tape compared with Brother standard tapes.

## Termination block identifier label format



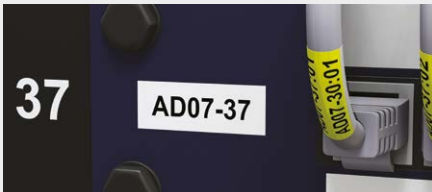| AD07-36 p 01-08 to AD02-10 p 25-32 |
|-----|

Rack identifier at near-end

Patch panel identifier at near-end

'P' denotes 'port'

Print labels in a long strip and keep your labels in the correct order by using the advanced label cutter with easy-peel function.

## Patch Panel identifier label format



| AD07-37 |
|---------|

Rack identifier

(numeric characters) designating the location of the top of the patch panel in rack units from the bottom of the usable space in the cabinet or frame.

Upload data files from your PC using the USB port, to save time and reduce errors.[2]

## Patch panel port identifiers

| AD07-36:01 |
|------------|

Rack identifier
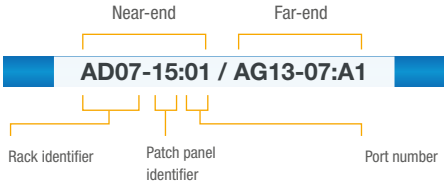
Patch panel identifier

Port number

All ports on patch panels and all positions on termination blocks shall be labelled with the corresponding port number or position number and optionally with additional identifier fields as practicable.

Use the separate numeric keypad for quick entry of numbers.

## Cables between patch panel identifiers label format



Near-end     Far-end

**AD07-15:01 / AG13-07:A1**

Rack identifier

Patch panel identifier

Port number

🌀 **Ensure your labels are fully protected using continuous-length Brother Self-Laminating Tape.**

Alternatively, the two halves of the identifier may appear on two lines of text:

**AD07-15:01
AG13-07:A1**

The same cable in cabinet AG13 would have the following label, which contains the same information, but with the sequence reversed:
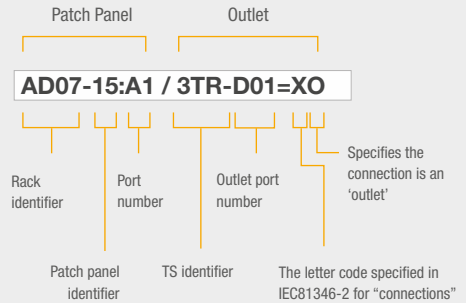
**AG13-07:A1 / AD07-15:01**

**AG13-07:A1
AD07-15:01**

📱 **Upload cable IDs wirelessly from your smartphone using iLink&Label or Mobile Transfer Express app for on-site label printing.**

## Equipment outlet and telecommunications outlet identifiers



Patch Panel     Outlet

**AD07-15:A1 / 3TR-D01=XO**

Rack identifier

Port number

Outlet port number

Specifies the connection is an 'outlet'

Patch panel identifier

TS identifier

The letter code specified in IEC81346-2 for "connections"

📟 **Easily create cable, patch panel, equipment and faceplate ID labels using the dedicated keys.**

The cable between patch panel and outlet shall be labelled. On the end of the cable on patch panel, labelled as above, patch panel = near end, outlet = far end. "=XO" can be omitted. TS identifier can be omitted.
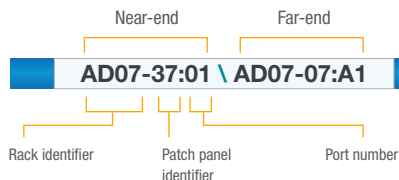
## Label format

**D01**     **D02**

📟 **Use the serialise function to automatically print labels in a sequence.**

## Patch cord identifiers label format

The identifier of the patch cords in an administration system should have the same format as cables between ports, but use the back slash ' \ ' instead of the forward slash.

Near-end    Far-end

**AD07-37:01 \ AD07-07:A1**

Rack identifier    Patch panel identifier    Port number

Alternatively, the two halves of the identifier may appear on two lines of text:
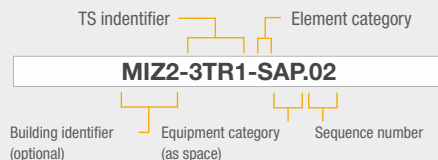
**AD07-37:01**
**AD07-07:A1**

**Use Flexible ID Tape – specially formulated adhesive to wrap securely around wires and cables (diameter of 3mm or larger).**

## Identifiers for infrastructure elements label format

**Save frequently used labels to the memory for instant recall and printing.**

TS indentifier    Element category

**MIZ2-3TR1-SAP.02**

Building identifier (optional)    Equipment category (as space)    Sequence number

Create labels for cables, patch panels, faceplates and more using the Brother free apps. These apps are template based, allowing you to quickly select the label type required, edit the text and then print.

**Brother Mobile Cable Label Tool**

Download on the **App Store**

**Brother Pro Label Tool**

GET IT ON **Google Play**

www.brother.eu/E550Wapps

## Recommended Pro Tapes

Choose the right label for your application.

| Application | Tape Type | Tape Colour / Width |
|---|---|---|
| Rack ID Optional Elements ID | Strong Adhesive | TZe-S251 (24mm) |
| Rack ID | Strong Adhesive | TZe-S211 (6mm) |
| Port ID Equipment ID Telecommunications ID | Strong Adhesive | TZe-S221 (9mm) |
| Cable ID (for CAT6) | Self-Laminating | TZe-SL251[4] (24mm) |
| | | TZe-SL651[4] (24mm) |
| Cable ID (for Fibre Optic) | Flag Label Die-Cut | FLe-2511[3] |
| | | FLe-6511[3] |
| Patch Cord ID Power Cord ID | Self-Laminating Flexible ID | TZe-SL251[4] (24mm) |
| | | TZe-SL651[4] (24mm) |
| | | TZe-FX251 (24mm) |
| | | TZe-FX231 (12mm) |
| | | TZe-FX651 (24mm) |
| | | TZe-FX631 (12mm) |

Compatible with the Brother PT-E550WNIVP handheld label printer.
[1] Full testing information at www.brother.eu/tze-data.
[2] Upload function not available on MacOS.
[3] Compatible with Brother PT-P900W, PT-P950W, PT-D800W desktop label printers. [4] Supported diameter (Ø3mm - 6.6mm)

**brother.dk**     **brother.is**     **brother.lt**
**brother.ee**     **brother.no**     **brother.se**
**brother.fi**     **brother.lv**

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All label examples and images shown are for illustration purpose only.